

Data File : VW010940.D
Acq On : 24 Jun 2019 19:55
Operator : SY/VA
Sample : K3456-06
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANX6

Quant Time: Jun 25 02:49:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 02:43:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	143449	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	166043	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69435	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	10834	5.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	23.32%#
7) Chloroethane-d5	2.89	69	16184	11.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.16%
10) 1,1-Dichloroethene-d2	4.02	63	24254	5.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	22.08%#
20) 2-Butanone-d5	7.08	46	12143	13.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.82%
24) Chloroform-d	7.65	84	100368	25.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.76%
26) 1,2-Dichloroethane-d4	8.31	65	96923	40.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	161.68%#
29) Benzene-d6	8.27	84	180885	18.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.60%
33) 1,2-Dichloropropane-d6	9.27	67	85903	26.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.32%
37) Toluene-d8	10.32	98	158314	17.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.40%
38) trans-1,3-Dichloropropene-	10.58	79	26915	18.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.84%
39) 2-Hexanone-d5	10.93	63	5384	7.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	14.54%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85554	31.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	66697	25.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.80%

Target Compounds

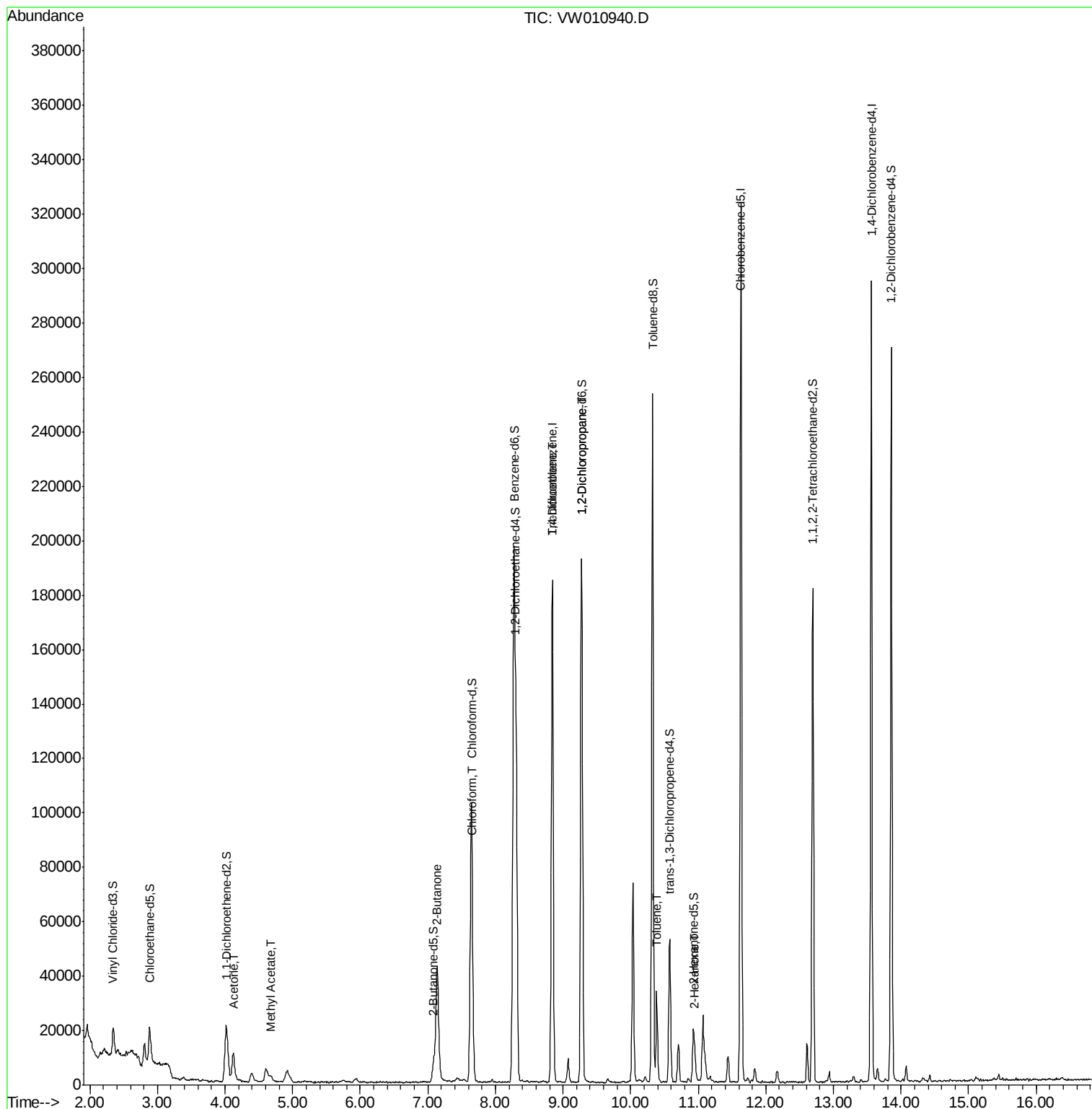
					Qvalue
13) Acetone	4.12	43	19128	22.875 ug/L	99
15) Methyl Acetate	4.67	43	4051	2.799 ug/L #	73
21) 2-Butanone	7.15	43	5681	5.166 ug/L #	59
25) Chloroform	7.66	83	3061	0.809 ug/L #	30
35) Trichloroethene	8.84	95	4461	1.612 ug/L #	7
40) 1,2-Dichloropropane	9.27	63	10178	3.389 ug/L #	88
44) Toluene	10.38	91	22507	1.973 ug/L	97
49) 2-Hexanone	10.96	43	5287	2.667 ug/L #	46

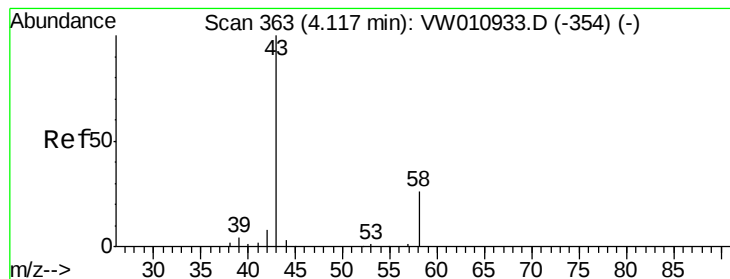
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW010940.D
Acq On : 24 Jun 2019 19:55
Operator : SY/VA
Sample : K3456-06
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANX6

Quant Time: Jun 25 02:49:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 02:43:13 2019
Response via : Initial Calibration





#13

Acetone

Concen: 22.875 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010940.D

Acq: 24 Jun 2019 19:55

Instrument :

MSVOA_W

ClientSampled :

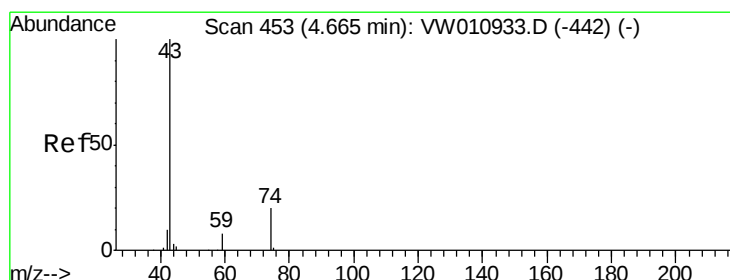
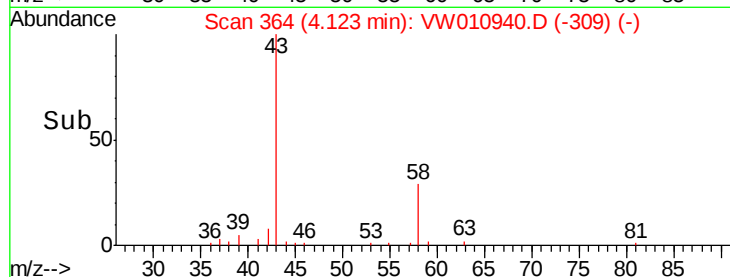
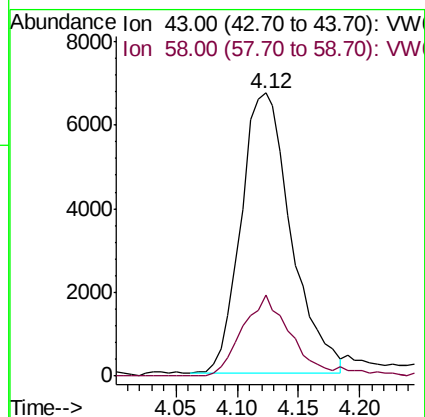
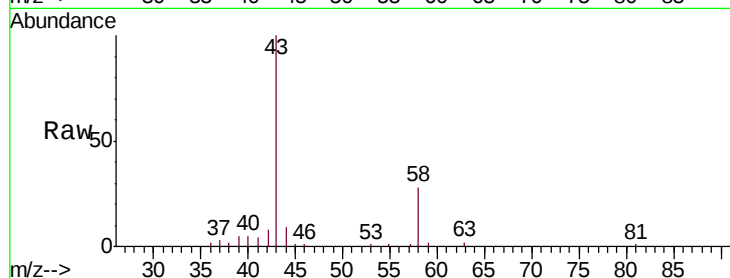
YANX6

Tgt Ion: 43 Resp: 19128

Ion Ratio Lower Upper

43 100

58 27.1 0.0 53.2



#15

Methyl Acetate

Concen: 2.799 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW010940.D

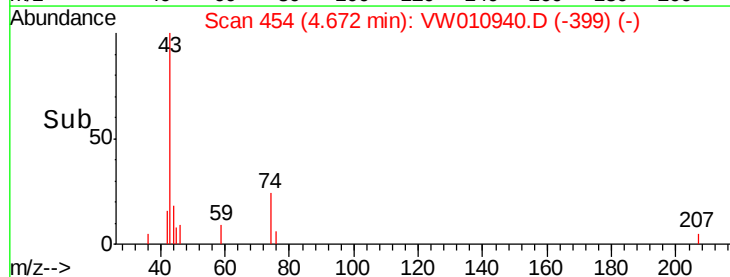
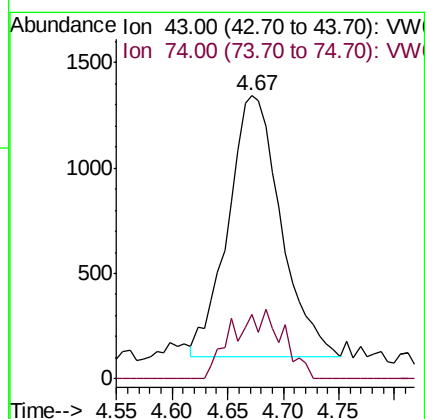
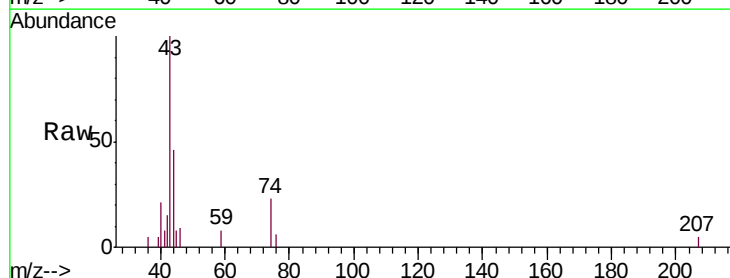
Acq: 24 Jun 2019 19:55

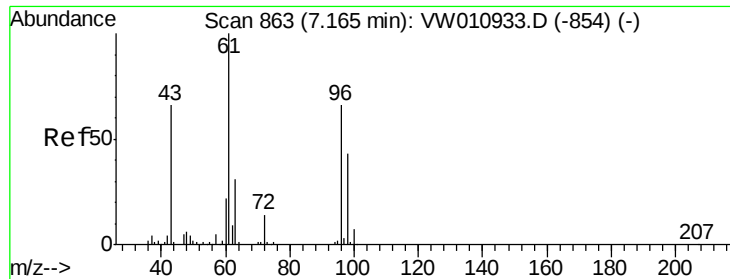
Tgt Ion: 43 Resp: 4051

Ion Ratio Lower Upper

43 100

74 7.0 15.3 22.9#





#21

2-Butanone

Concen: 5.166 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW010940.D

Acq: 24 Jun 2019 19:55

Instrument :

MSVOA_W

ClientSampled :

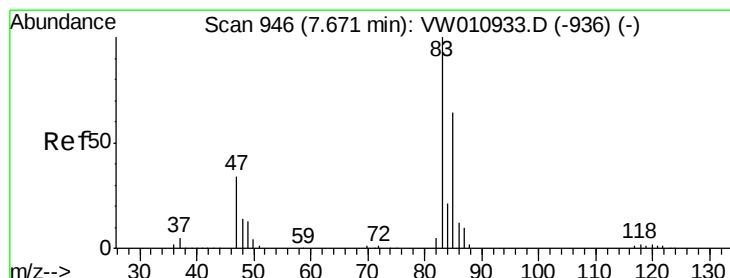
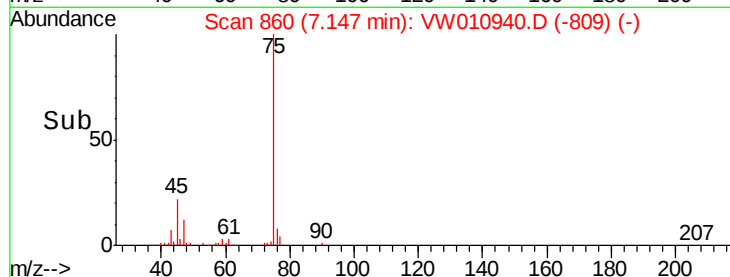
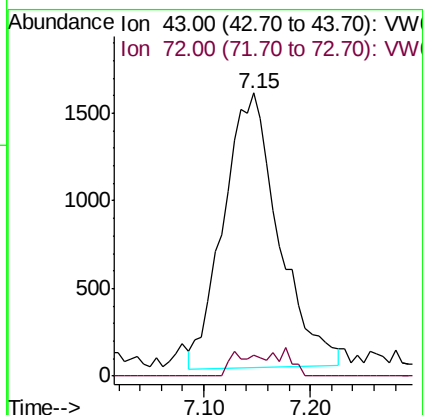
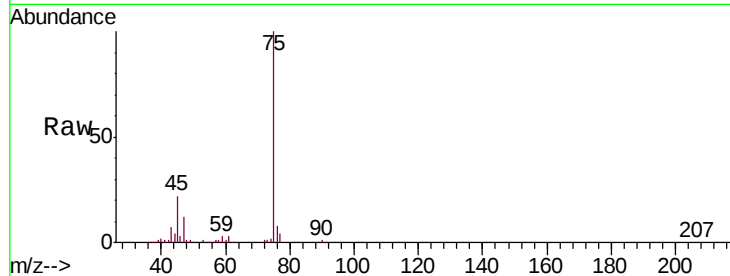
YANX6

Tgt Ion: 43 Resp: 5681

Ion Ratio Lower Upper

43 100

72 2.0 10.9 32.6#



#25

Chloroform

Concen: 0.809 ug/L

RT: 7.66 min Scan# 945

Delta R.T. -0.01 min

Lab File: VW010940.D

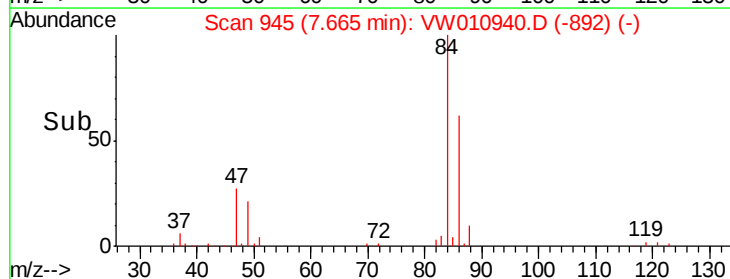
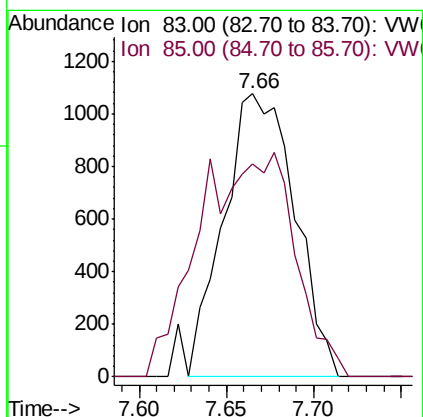
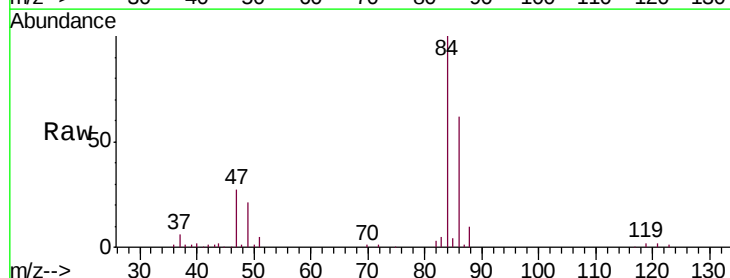
Acq: 24 Jun 2019 19:55

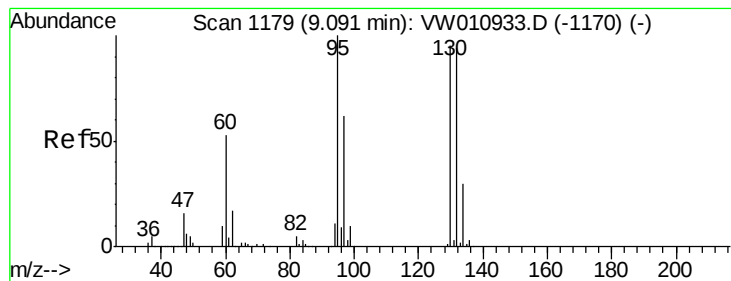
Tgt Ion: 83 Resp: 3061

Ion Ratio Lower Upper

83 100

85 10.2 45.6 84.8#





#35

Trichloroethene

Concen: 1.612 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW010940.D

Acq: 24 Jun 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

YANX6

Tgt Ion: 95 Resp: 4461

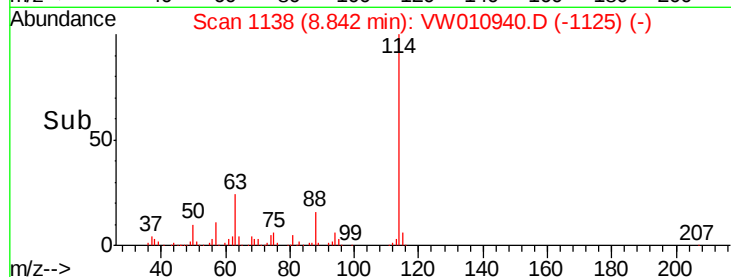
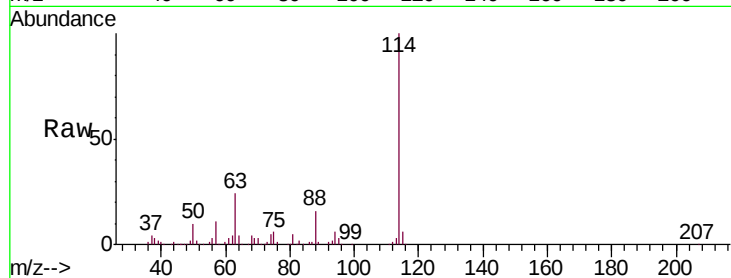
Ion Ratio Lower Upper

95 100

97 2.0 44.9 83.3#

132 0.0 64.0 119.0#

130 0.0 67.4 125.2#

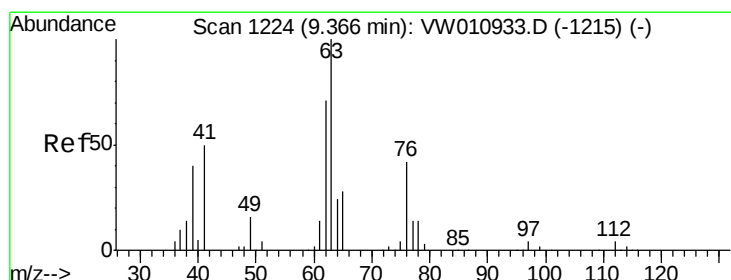
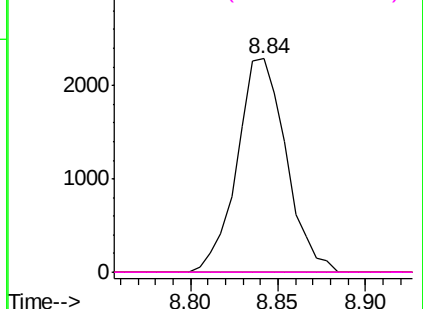


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.389 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW010940.D

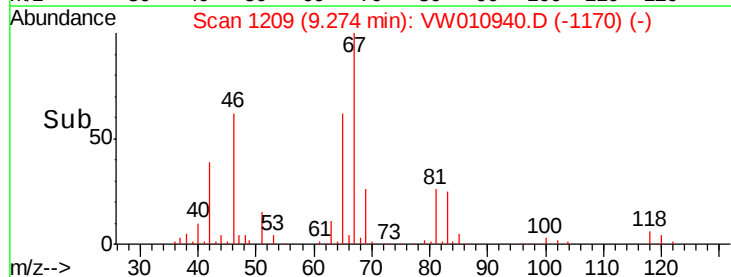
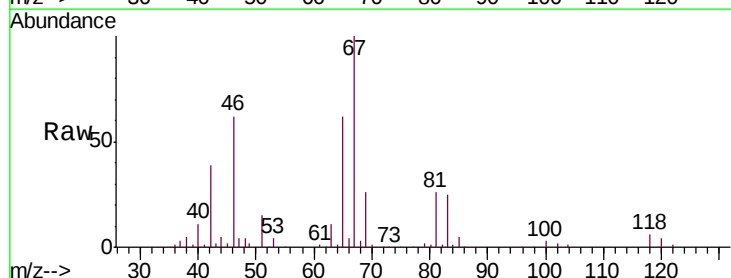
Acq: 24 Jun 2019 19:55

Tgt Ion: 63 Resp: 10178

Ion Ratio Lower Upper

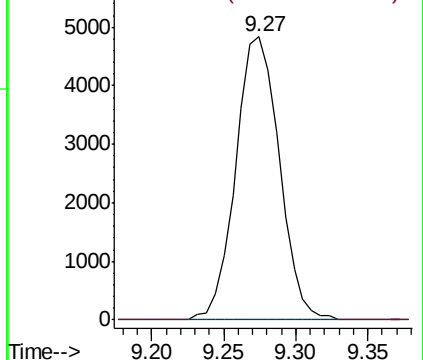
63 100

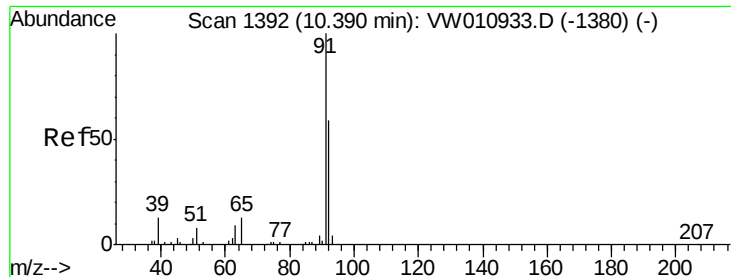
112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#44

Toluene

Concen: 1.973 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010940.D

Acq: 24 Jun 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

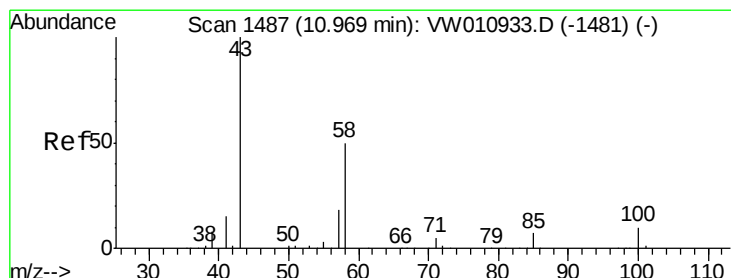
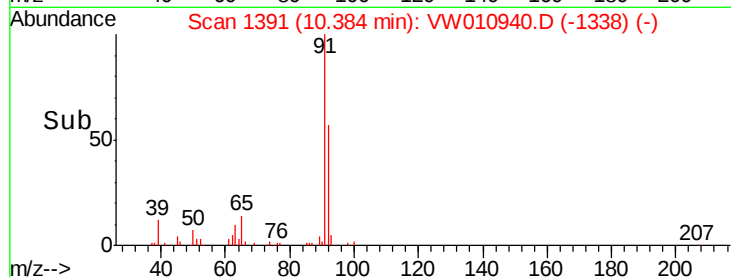
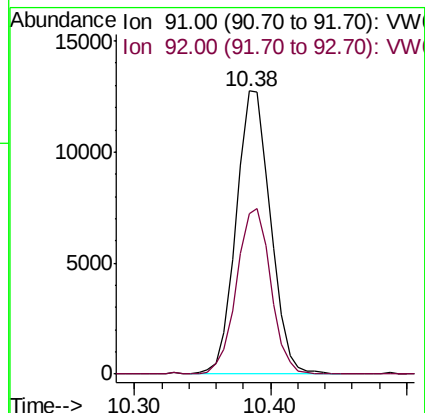
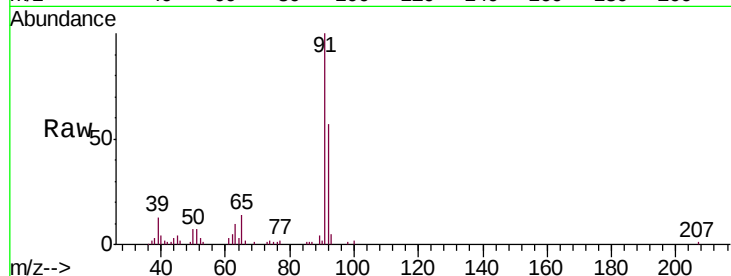
YANX6

Tgt Ion: 91 Resp: 22507

Ion Ratio Lower Upper

91 100

92 56.9 41.2 76.4



#49

2-Hexanone

Concen: 2.667 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW010940.D

Acq: 24 Jun 2019 19:55

Tgt Ion: 43 Resp: 5287

Ion Ratio Lower Upper

43 100

58 3.6 38.3 57.5#

57 1.5 13.8 20.8#

100 0.0 7.3 10.9#

